ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Sukhada Gore	6/10/02	02-0477	—	301-925-0638	2009J	DEV/CO

8. CCR Title: Patch_6A.06_ESDT.06_GLAS : Contains fix for Sev. 5 NCR - 34036. Updated GLAS NOSE file

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date: 10Jun02
Sukhada Gore /s/ 6/7/02	II	CCR	

13. Office Manager Signature/Date	14. Category of Change:	15. Priority: (If "Emergency" fill in Block 27).
Arthur Cohen /s/ 6/7/02	Initial ECS Baseline Doc.	Emergency

16. Documentation/Drawings Impacted:	17. Schedule Impact:	18. CI(s) Affected:SDSRV/ESDT/INGEST

19. Release Affected by this Change: 6A	20. Date due to Customer: 10Jun02	21. Estimated Cost: None - Under 100K

22. Source Reference: ☒NCR (attach)   ☐Action Item ☐Tech Ref. ☐GSFC ☐Other:
34036

23. Problem: (use additional Sheets if necessary)
ECSed34036
St=C, Sv=5, Bug id = ECSed34036, Desc: GLAS NOSE orbit file needs to be updated with off-nadir tracks

24. Proposed Solution: (use additional sheets if necessary)
Provide as Patch_6A.06_ESDT.06_GLAS

25. Alternate Solution: (use additional sheets if necessary)
Delay testing by science teams; wait until next full system delivery

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
 Delays in testing ESDTs at the DAACs or possible delays in INGEST of data.

27. Justification for Emergency (If Block 15 is "Emergency"):
GLAS NOSE file is needed at the NSIDC DAAC for immediate testing.

28. Site(s) Affected: ☐EDF   ☒PVC   ☒VATC ☐EDC   ☐ GSFC ☐LaRC ☒NSIDC ☐SMC ☐AK ☐JPL
☐EOC ☐ IDG Test Cell ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date): Randall J. Miller /s/ 6/7/02	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB

33. M&O CCB Chair (Sign/Date): Debra Stepp /s/ 6/7/02	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS

34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

ADDITIONAL SHEET

CCR #: 02-0477   Rev: —   Originator: Sukhada Gore

Telephone: 301-925-0638   **Office:** 2009J

Title of Change: Patch_6A.06_ESDT.06_GLAS : Contains fix for Sev. 5 NCR - 34036. Updated GLAS NOSE file

Actions

Clearcase :

Please build IRIX tar file from 6A.06 baseline for the following
files

/ecs/formal/DSS/sdsrv/sybase/db/tools/:
DsDbGlasNoseData

Please name the tarfile Patch_6A.06_ESDT.06_GLAS

This is for NSIDC DAAC only.

DAAC Install Instructions :

Untar the tar file.

Instructions for installing GLAS data:

1. Log onto the appropriate SGI machine (where the SDSRV database is located)
2. cp -p <staging_area>/DsDbGlasNoseData /usr/ecs/<MODE>/CUSTOM/dbms/DSS/ .
3. cd /usr/ecs/<MODE>/CUSTOM/dbms/DSS
4. At the command line type:
   > DsDbSqsBcpOrbitPolygon
5. Follow prompts and enter information. See notes below ...

Enter database name: <SDSRV database_name>
Enter sybase user: <sybase user_name>
Enter sybase password: <sybase user password>
Enter user sa: sa
Enter sa password: <sa password>
Enter sybase server: <sybase server name>
Enter sybase SQS server: <sqs server name>
Enter absolute path for sqsbcp executable: <Enter the path>

Checking status of login ...
 Reading Instruments ...

 In order to install new data, it may be necessary to delete
some old data first. Below is a list of instruments that
currently have orbit polygon data installed.

 1. AMSR-E
 2. GLAS
 3. MISR

** If no data is installed, none will be listed **

 Please enter the number of the instrument(s) you wish to delete
orbit polygon data for. Please separate each number by a space.
Type 0 to select all instruments or ENTER for none.

      Your choices, please:

For example , Enter 2 here.

You will get following messages.

Deleting rows from DsMdOrbitPolygons for GLAS

322 version .

Enter the path/name of bcp data file (Q to quit):

/usr/ecs/<MODE>/CUSTOM/dbms/DSS/DsDbGlasNoseData

You will get the following messages.
 Verifying file/platInstrCode ...
 Inserting data from /usr/ecs/<MODE>/CUSTOM/dbms/DSS/DsDbGlasNoseData ..
 GenerateKeyDump = 0
 Error log is Error.log
 Done.

 Enter path/name of bcp data file (Q to quit):
q

6. While the script is running, make sure that the transaction log
   doesn't run out of space! You may do this by periodically
   clearing the log as dbo using:

   dump tran <database> with truncate_only

   go

   (from isql command line)

   To find out how much space is left in log type:

   sp_helpdb <database name>
   go

   and look at the log segment space available.

   (You may also run a script that dumps the log periodically)

   NOTE: You only need worry about the log when sqsbcp is running -
       other times the script will take care of that.